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(54) Title: IMPROVING POLYNUCLEOTIDE LIGATION REACTIONS

(57) Abstract: The method of the invention is useful in quantifying the absolute or relative number of unique molecules present in a sample after carrying out an analysis procedure on the sample, and comprises the steps of: (i) attaching a unique molecular tag to substantially all of the molecules in the sample; (ii) carrying out the analysis procedure using the molecules of the sample; and (iii) on the basis of the molecular tags determining the absolute or relative number of unique molecules present in the original sample which underwent the analysis procedure.

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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Y	page 3 - page 9  page 5, paragraph 14 figures 1-8 examples 1-7 claims 1-4,21-25,30-33,38,40 -----	2,16,17, 26
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